

**Solve each problem.****Answers**

- 1) Kaleb started the month with \$154.48 in his bank account. Over the course of the month he got 2 paychecks. One for \$284.78 and the other was for \$257.27. He ended up spending \$231.32 on food, \$49.69 on gas and \$125.50 on car insurance. Then he decided to buy a new ipad which cost him \$491.26. How much money was in Kaleb's account at the end of the month?
- 2) Nancy and 5 friends were going to the movies. Each ticket cost \$10.00 and then they bought 3 popcorns at \$3.00 a piece and then each person bought their own soda at \$1.50 each. How much money did they spend total for their trip to the movies?
- 3) A new pizza shop opened up and started out \$5,982.40 in the hole. Their first month being open they sold 80 pizzas (\$4.47 profit each) and 89 sodas (\$1.07 profit each). Their bills for the first month were \$1,221.82. How much money do they still need to make to break even?
- 4) At the state fair 5 employees were paid \$9.36 an hour. They worked for 6 hours at regular price and then for 2 hours at overtime price (an extra \$3.03 an hour). How much money did they make total?
- 5) At noon the temperature was 2° C. Over the next 4 hours the temperature dropped another 8 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem.

Answers

- 1) Kaleb started the month with \$154.48 in his bank account. Over the course of the month he got 2 paychecks. One for \$284.78 and the other was for \$257.27. He ended up spending \$231.32 on food, \$49.69 on gas and \$125.50 and on car insurance. Then he decided to buy a new ipad which cost him \$491.26. How much money was in Kaleb's account at the end of the month?

$$(154.48 + 284.78 + 257.27) - (231.32 + 49.69 + 125.5 + 491.26)$$

1. **-201.24**2. **78**3. **-6,751.39**4. **404.7**5. **6**

- 2) Nancy and 5 friends were going to the movies. Each ticket cost \$10.00 and then they bought 3 popcorns at \$3.00 a piece and then each person bought their own soda at \$1.50 each. How much money did they spend total for their trip to the movies?

$$(10 \times (5 + 1)) + (3 \times 3) + (1.5 \times (5 + 1))$$

- 3) A new pizza shop opened up and started out \$5,982.40 in the hole. Their first month being open they sold 80 pizzas (\$4.47 profit each) and 89 sodas (\$1.07 profit each). Their bills for the first month were \$1,221.82. How much money do they still need to make to break even?

$$(5982.4 \times -1) + ((80 \times 4.47) + (89 \times 1.07)) - (1221.82)$$

- 4) At the state fair 5 employees were paid \$9.36 an hour. They worked for 6 hours at regular price and then for 2 hours at overtime price (an extra \$3.03 an hour). How much money did they make total?

$$(5 \times 9.36 \times 6) + ((3.03 + 9.36) \times 2 \times 5)$$

- 5) At noon the temperature was 2° C. Over the next 4 hours the temperature dropped another 8 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

$$2 + (-1 \times 8) + ((8 - 4) \times 3)$$